IN THE CLAIMS

Please cancel claims 1-11, 20-30 and 39-49 and amend claims 12-19, 31-38 and 50-57 as follows:

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12. (CURRENTLY AMENDED) [[The]] A computer-implemented method ~~of claim 1~~ of loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of indexes is less than half of the processing capabilities, wherein a number of sort processes is equal to the number of indexes, and

further comprising determining that a number of load processes is the smaller of the difference of the processing capabilities available for the load processes and the number of sort processes, and a number of partitions.

13. (CURRENTLY AMENDED) [[The]] A computer-implemented method ~~of claim 1~~ of loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of partitions is less than half of the processing capabilities, wherein a number of load processes is equal to the number of partitions, and further comprising determining that a number of sort processes is the smaller of the difference of the processing capabilities available for the sort processes and the number of load processes, and a number of indexes.

14. (CURRENTLY AMENDED) [[The]] A computer-implemented method ~~of claim 1~~ of loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of indexes is less than the difference of the total amount of available memory and the amount of memory required for a main process, divided by the amount of memory required for each load and sort process, wherein a number of sort processes is equal to the number of indexes, and further comprising determining that the number of load processes is the smaller of the difference of a total amount of available memory and the amount of memory required for the main process, and the amount of memory for each sort process multiplied by the number of indexes, divided by the memory required for each load process, and a number of partitions.

15. (CURRENTLY AMENDED) [[The]] A computer-implemented method ~~of claim 1~~ of loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein the number of partitions is less than the difference of the total amount of available memory and the amount of memory required for a main process, divided by the amount of memory required for each load an sort process, wherein a number of load processes is equal to the number of partitions, and further comprising determining that the number of sort processes is the smaller of the difference of the total amount of available memory, the amount of memory required for the main process, and the amount of memory for each load process multiplied by the number of partitions, divided by the memory required for each sort process, and a number of indexes.

16. (CURRENTLY AMENDED) [[The]] A computer-implemented method ~~of claim 1~~ of loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of load processes is equal to a number of sort processes which is equal to the difference of the total amount of available memory available and the amount of memory required for a main process, divided by the amount of memory required for each load and sort process.

17. (CURRENTLY AMENDED) [[The]] A computer-implemented method ~~of claim 1~~ of loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein the number of indexes is less than the difference of the total amount of available memory, the amount of memory required for a main

process, and the amount of memory required for each load process multiplied by the processing capabilities, divided by the difference of the amount of memory required for each sort process and each load process, wherein a number of sort processes is equal to the number of indexes, and further comprising determining that the number of load processes is the smaller of the difference of the processing capabilities and the number of indexes, and a number of partitions.

18. (CURRENTLY AMENDED) [[The]] A computer-implemented method ~~of claim 1~~ of loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein the number of partitions is less than the difference of the sum of the amount of memory required for each sort process multiplied by the processing capabilities, the total amount of memory required for a main process, and the amount of memory required for each load process, divided by the difference of the amount of memory required for reach sort process and each load process, wherein a number of load processes is equal to the number of partitions, and further comprising determining that the number of sort processes is the smaller of the difference of the total amount of available memory, the amount of memory required for the main process, and the amount of memory for each load process multiplied by the number of partitions, divided by the memory required for each sort process, and a number of indexes.

19. (CURRENTLY AMENDED) [[The]] A computer-implemented method ~~of claim 1~~ of loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of sort processes is equal to difference of the total amount of available memory, the amount of memory required for a main process, and the amount of memory required for each load process, divided by the difference of the amount of memory required for each sort process and each load process, and wherein the number of load processes is equal to the difference of the processing capabilities and the number of sort processes.

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31. (CURRENTLY AMENDED) [[The]] An apparatus ~~of claim 20~~ for executing parallel load operations, comprising:

a computer having a data store coupled thereto, wherein the data store stores data; and one or more computer programs, performed by the computer, for identifying memory constrains, identifying processing capabilities, and determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of indexes is less than half of the processing capabilities, wherein a number of sort processes is equal to the number of indexes, and further comprising determining that a number of load processes is the smaller of the difference of the processing capabilities available for the load processes and the number of sort processes, and a number of partitions.

32. (CURRENTLY AMENDED) [[The]] An apparatus ~~of claim 20~~ for executing parallel load operations, comprising:

a computer having a data store coupled thereto, wherein the data store stores data; and one or more computer programs, performed by the computer, for identifying memory constrains, identifying processing capabilities, and determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of partitions is less than half of the processing capabilities, wherein a number of load processes is equal to the number of partitions, and further comprising determining that a number of sort processes is the smaller of the difference of the processing capabilities available for the sort processes and the number of load processes, and a number of indexes.

33. (CURRENTLY AMENDED) [[The]] An apparatus ~~of claim 20~~ for executing parallel load operations, comprising:

a computer having a data store coupled thereto, wherein the data store stores data; and one or more computer programs, performed by the computer, for identifying memory constrains, identifying processing capabilities, and determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of indexes is less than the difference of the total amount of available memory and the amount of memory required for a main process, divided by the amount of memory required for each load and sort process, wherein a number of sort processes is equal to the number of indexes, and further comprising determining that the number of load processes is the smaller of the difference of a total amount of available memory and the amount of memory required for the main process, and the amount of memory for each sort process multiplied by the number of indexes, divided by the memory required for each load process, and on a number of partitions.

34. (CURRENTLY AMENDED) [[The]] An apparatus ~~of claim 20~~ for executing parallel load operations, comprising:

a computer having a data store coupled thereto, wherein the data store stores data; and one or more computer programs, performed by the computer, for identifying memory constrains, identifying processing capabilities, and determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein the number of

partitions is less than the difference of the total amount of available memory and the amount of memory required for a main process, divided by the amount of memory required for each load and sort process is equal to the number of partitions, and further comprising determining that the number of sort processes is the smaller of the difference of the total amount of available memory, the amount of memory required for the main process, and the amount of memory for each load process multiplied by the number of partitions, divided by the memory required for each sort process, and a number of indexes.

35. (CURRENTLY AMENDED) [[The]] An apparatus ~~of claim 20~~ for executing parallel load operations, comprising:

a computer having a data store coupled thereto, wherein the data store stores data; and one or more computer programs, performed by the computer, for identifying memory constrains, identifying processing capabilities, and determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of load processes is equal to a number of sort processes which is equal to the difference of the total amount of available memory available and the amount of memory required for a main process, divided by the amount of memory required for each load and sort process.

36. (CURRENTLY AMENDED) [[The]] An apparatus ~~of claim 20~~ for executing parallel load operations, comprising:

a computer having a data store coupled thereto, wherein the data store stores data; and one or more computer programs, performed by the computer, for identifying memory constrains, identifying processing capabilities, and determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein the number of indexes is less than the difference of the total amount of available memory, the amount of memory required for a main process, and the amount of memory required for each load process multiplied by the processing capabilities, divided by the difference of the amount of memory required for each sort process and each load process, wherein a number of sort processes is equal to the number of indexes, and further comprising determining that the number of load processes is the smaller of the difference of the processing capabilities and the number of indexes and, a number of partitions.

37. (CURRENTLY AMENDED) [[The]] An apparatus ~~of claim 20~~ for executing parallel load operations, comprising:

a computer having a data store coupled thereto, wherein the data store stores data; and one or more computer programs, performed by the computer, for identifying memory constrains, identifying processing capabilities, and determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein the number of partitions is less than the difference of the sum of the amount of memory required for each sort process multiplied by the processing capabilities, the total amount of memory required for a main process, and the amount of memory required for each load process, divided by the difference of the amount of memory required for each sort process and each load process, wherein a number of load processes is equal to the number of partitions, and further comprising determining that the number of sort processes is the smaller of the difference of the total amount of available memory, the amount of memory required for the main process, and the amount of memory for each load process multiplied by the number of partitions, divided by the memory required for each sort process, and a number of indexes.

38. (CURRENTLY AMENDED) [[The]] An apparatus ~~of claim 20~~ for executing parallel load operations, comprising:

a computer having a data store coupled thereto, wherein the data store stores data; and one or more computer programs, performed by the computer, for identifying memory constrains, identifying processing capabilities, and determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of sort processes is equal to difference of the total amount of available memory, the amount of memory required for a main process, and the amount of memory required for each load process, divided by the difference of the amount of memory required for each sort process and each load process, and wherein the number of load processes is equal to the difference to the processing capabilities and the number of sort processes.

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50. (CURRENTLY AMENDED) [[The]] An article of manufacture ~~of claim 39~~ comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of indexes is less than half of the processing capabilities, wherein a number of sort processes is equal to the number of sort processes is equal to the number of indexes, and further comprising, determining that a number of load processes is the smaller of the difference of the processing capabilities available for the load processes and the number of sort processes, and a number of partitions.

51. (CURRENTLY AMENDED) [[The]] An article of manufacture ~~of claim 39~~ comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of partitions if less than half of the processing capabilities, wherein a number of load processes is equal to the number of partitions, and further comprising determining that a number of sort processes is the smaller of the difference of the processing capabilities available for the sort processes and the number of load processes, and on a number of indexes.

52. (CURRENTLY AMENDED) [[The]] An article of manufacture ~~of claim 39~~ comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of indexes is less than the difference of the total amount of available memory and the amount of memory required for a main process, divided by the amount of memory required for each load and sort process, wherein a number of sort processes is equal to the number of indexes, and further comprising determining that the number of load processes is the smaller of the difference of a total amount of available memory and the amount of memory required for the main process, and the amount of memory for each sort process multiplied by the number of indexes, divided by the memory required for each load process and, a number of partitions.

53. (CURRENTLY AMENDED) [[The]] An article of manufacture ~~of claim 39~~ comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein the number of partitions is less than the difference of the total amount of available memory and the amount of memory required for a main process, divided by the amount of memory required for each load and sort process, wherein a number of load processes is equal to the number of partitions, and further comprising determining that the number of sort processes is the smaller of the difference of the total amount of available memory, the amount of memory required for the main process, and the amount of memory for each load process multiplied by the number of partitions, divided by the memory required for each sort process, and a number of indexes.

54. (CURRENTLY AMENDED) [[The]] An article of manufacture ~~of claim 39~~ comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of load processes is equal to a number of sort processes which is equal to the difference of the total amount of available memory available and the amount of memory required for a main process, divided by the amount of memory required for each load and sort process.

55. (CURRENTLY AMENDED) [[The]] An article of manufacture ~~of claim 39~~ comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein the number of indexes is less than the difference of the total amount of available memory, the amount of memory required for a main process, and the amount of memory required for each load process multiplied by the processing capabilities, divided by the difference of the amount of memory required for each sort process and each load process, wherein a number of sort processes is equal to the number of indexes, and further comprising determining that the number of load processes is the smaller of the difference of the processing capabilities and the number of indexes and, a number of partitions.

56. (CURRENTLY AMENDED) [[The]] An article of manufacture ~~of claim 39~~ comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for loading data into a data store connected to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein the number of partitions is less than the difference of the sum of the amount of memory required for each sort process multiplied by the processing capabilities, the total amount of memory required for a main process, and the amount of memory required for each load process, divided by the difference of the amount of memory required for each sort process and each load process, wherein a number of load processes is equal to the number of partitions, and further comprising determining that the number of sort processes is the smaller of the difference of the total amount of available memory, the amount of memory required for the main process, and the amount of memory for each load process multiplied by the number of partitions, divided by the memory required for each sort process, and a number of indexes.

57. (CURRENTLY AMENDED) [[The]] An article of manufacture ~~of claim 39~~ comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for loading data into a data srore connecred to a computer, the method comprising the steps of:

identifying memory constraints;

identifying processing capabilities; and

determining a number of load and sort processes to be started in parallel based on the identified memory constraints and processing capabilities, wherein a number of sort processes is equal to difference of the total amount of available memory, the amount of memory required for a main process, and the amount of memory required for each load process, divided by the difference of the amount of memory required for each sort process and each load process, and wherein the number of load processes is equal to the difference of the processing capabilities and the number of sort processes.